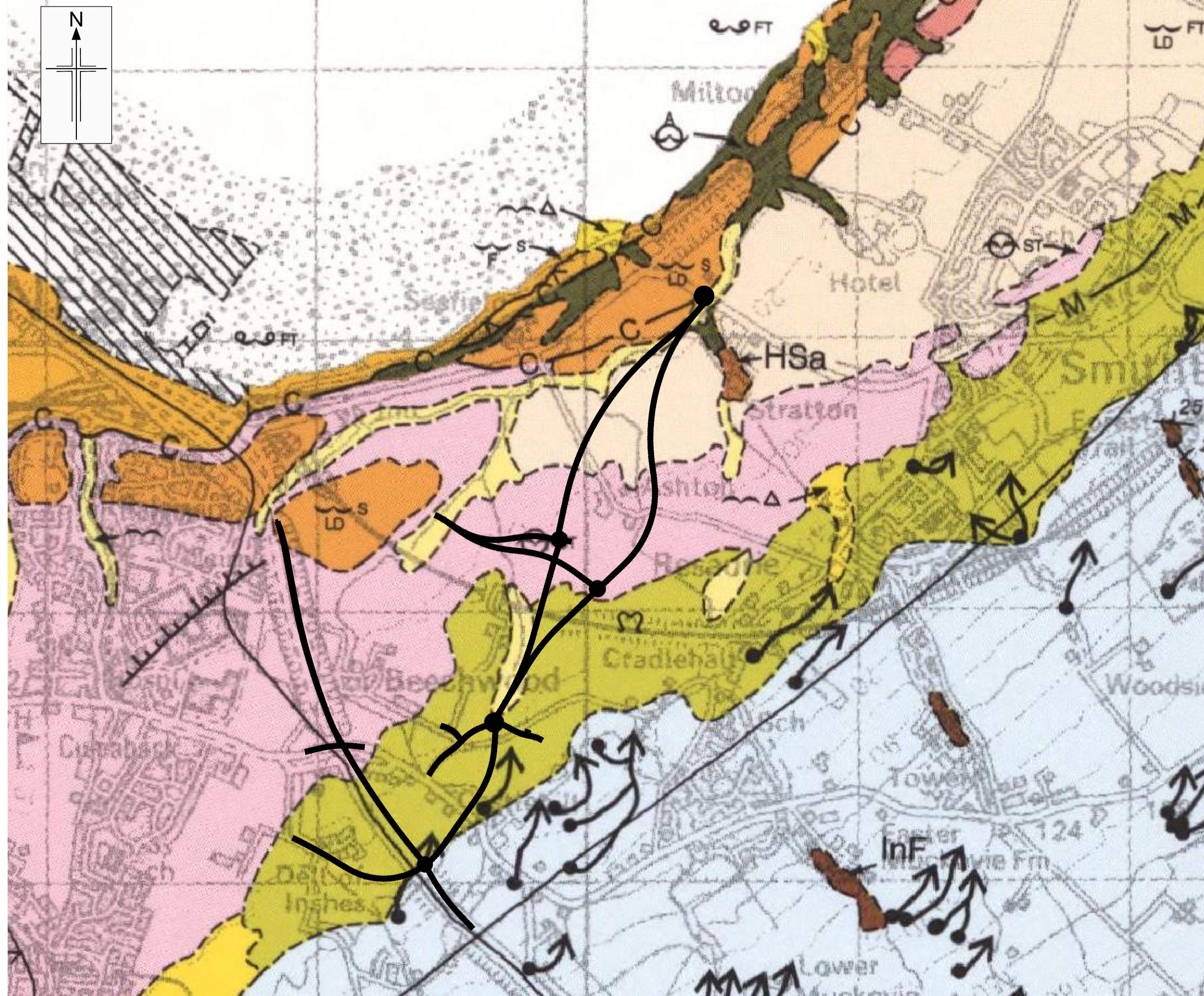


Map extract from British Geological Survey (1997), Fortrose. Scotland Sheet 84W. Solid and Drift Geology, 1:50,000 Scale. (Keyworth, Nottingham: British Geological Survey). C08/071-CCSL British Geological Survey © NERC



### KEY TO GEOLOGICAL SYMBOLS AND COLOURS

**DRIFT**

- Worked ground (sand and gravel)
- Made ground, including reclaimed tidal flats
- Landslip
- Scree: accumulation of angular rock fragments
- Head, including Downwash and Solifluction Deposits: mainly diamicton interbedded with sand and gravel
- Blown Sand: mainly stabilised dunes of fine to medium sand
- Peat: mainly a blanket accumulation of wet, acidic, partially decomposed vegetation
- Alluvium: deposits of present river floodplains (mainly gravel) and enclosed basins (mainly sand, silt and clay)
- Alluvial Fan Deposits: clayey sand and gravel
- River Terrace Deposits: dissected remnants of former river floodplains, mainly sand and gravel
- Present Shoreface and Beach Deposits: medium sand and well-rounded gravel
- Present Tidal Flat Deposits: silt, clay and organic mud, locally strewn with boulders
- Present Saltmarsh Deposits: silt, clay and peat
- Beach ridges formed of well-rounded shingle
- Raised Shoreface and Beach Deposits: medium sand and well-rounded shingle
- Raised Brackish Lagoon Deposits: silt and clay with lenses of gravel

**QUATERNARY**

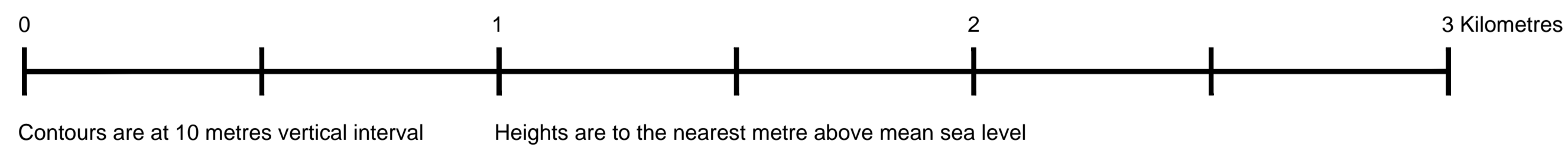
- Raised Shoreface and Beach Deposits: mainly medium sand and well-rounded shingle
- Raised Tidal Flat Deposits: fine sand, silt and clay with lenses of gravel
- Raised Marine Fan-Delta Deposits: sand and gravel
- Raised Glaciomarine Deposits: Alturlie Gravels Formation: mainly cross-bedded sand and well-rounded gravel capped locally by marine-washed shingle
- Raised Glaciomarine Deposits: Ardersier Silts Formation: mainly silty diamicton with lenses of gravel and clay, capped by rhythmically bedded silt and fine sand; locally contorted glaciotechnically
- Glaciofluvial Sheet Deposits: mainly terraced spreads of gravel with lenses of sand
- Glaciofluvial Fan and Fan-Delta Deposits: sand and gravel, typically coarsening upwards
- Glaciofluvial Ice-contact Deposits: undulating spreads and mounds of sand and gravel, including flat-topped mounds
- Eskers (steep-sided ridges of gravel)
- Glaciolacustrine Deposits: very fine sand, silt and clay typically thinly laminated and with dropstones and lenses of diamicton
- Hummocky Glacial Deposits: poorly stratified, sandy diamicton, sand, gravel, silt and rock debris
- Ridges of till or sandstone rubble, typically about 2m high
- Tills, undifferentiated: stiff, stony, sandy, clayey diamictons, typically massive, but stratified and more sandy locally, including lenses of gravel

**LATE DEVONIAN**

- Glaciomarine Deposits: Clava Shelly Formation: glacially transported rafts of shelly silty clay, fine sand and shelly diamicton (on Drummore of Clava inset map only)

**MID DEVONIAN**

- Geological boundary, Drift
- Glacial meltwater channel, showing inferred direction of flow
- Margin of large glacial meltwater channel
- Approximate margin of buried valley or cliff
- SOLID



- Notes**
- All dimensions are in metres unless otherwise stated.
  - The designs shown form part of a DMRB Stage 2 option assessment process and will be subject to DMRB Stage 3 development.
  - All three options with A and B variant are overlaid on the drawing.

**Key:**

- Proposed Route Alignment
- - Indicative location of proposed junction

0	Oct 17	DMRB Stage 2 Report	RJT	AR	GT	EHG
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

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Client

Project  
**A9/A96 INSHES TO SMITHTON**

Drawing title  
**DMRB STAGE 2  
 SCHEME ASSESSMENT REPORT  
 GEOLOGICAL MAP**

Drawing status		<b>PRELIMINARY</b>
Scale	NOT TO SCALE @ A1	DO NOT SCALE
Jacobs No.	B2103501	
BIM no.		
Drawing number	B2103501-GE-0000-DR-001	Rev 0

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.